

## **SYSTEM AND METHOD FOR IP HANDOFF**

### **ABSTRACT OF THE DISCLOSURE**

A seamless vertical handoff method allows the network  
5 applications and connections on a mobile node to continue  
without disruption as it moves within a wireless overlay  
network that comprises multiple possibly overlapping layers  
of wireless networks (e.g., a WLAN and a WWAN) with  
different underlying technologies, providing mobile roaming  
10 capabilities. The method comprises a WLAN access point  
signal strength monitor for determining when to switch  
between WLAN and WWAN, and a network connection migration  
scheme that can move an active network connection from a  
wireless link of one technology to another wireless link of  
15 a different technology in a way that is transparent to the  
user, the remote end of the network connection, and the  
operator of the WWAN carrier.